

**PROPOSED FUTURE WATER FUND BUDGETS  
AND IMPACT ON WATER RATE**

EXPENDITURES	Town Council Approved FY 2015	PROPOSED FY 2016	Town Council Approved FY 2016	PROJECTED FY 2017	PROJECTED FY 2018	PROJECTED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	PROJECTED FY 2025
Allocation to General Fund	40,000	45,000	45,000	46,350	47,741	49,173	50,648	52,167	53,732	55,344	57,005	58,715
Administration	166,574	159,441	160,616	165,434	170,398	175,509	180,775	186,198	191,784	197,537	203,464	209,567
Low Pressure System	79,741	84,503	84,503	87,038	89,649	92,339	95,109	97,962	100,901	103,928	107,046	110,257
Water Treatment	66,728	73,453	73,453	75,657	77,926	80,264	82,672	85,152	87,707	90,338	93,048	95,840
Spruce Hole	0	21,000	21,000	75,000	77,250	79,568	81,955	84,413	86,946	89,554	92,241	95,008
Subtotal	353,043	383,397	384,572	449,479	462,964	476,852	491,158	505,893	521,070	536,702	552,803	569,387
%Increase/(Decrease)		8.6%	8.9%	16.9%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Debt Service												
Principal	252,936	291,129	291,129	269,100	319,320	320,657	268,411	344,645	356,284	383,993	327,053	329,265
Interest	92,807	90,297	90,297	90,723	96,449	85,595	76,532	86,503	104,930	95,773	84,053	73,333
Other	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Subtotal	345,743	386,426	386,426	364,823	420,769	411,252	349,943	436,148	466,214	484,766	416,106	407,598
%Increase/(Decrease)		11.8%	11.8%	-5.6%	15.3%	-2.3%	-14.9%	24.6%	6.9%	4.0%	-14.2%	-2.0%
Capital Outlay												
To Capital Reserve for future capital projects	0	0	0	0	0	15,000	50,000	0	10,000	0	50,000	50,000
To Fund Balance	0	0	0	0	0	7,000	46,000	0	10,000	0	42,000	51,000
Other - To Capital Projects	0	0	0	0	0	0	0	27,125	0	40,000	0	0
Subtotal	0	0	0	0	0	22,000	96,000	27,125	20,000	40,000	92,000	101,000
%Increase/(Decrease)		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TOTAL EXPENDITURES	698,786	769,823	770,998	814,302	883,733	910,104	937,101	969,166	1,007,284	1,061,468	1,060,909	1,077,985
%Increase/(Decrease)		10.2%	10.3%	5.6%	8.5%	3.0%	3.0%	3.4%	3.9%	5.4%	-0.1%	1.6%
REVENUE	Town Council Approved FY 2015	PROPOSED FY 2016	PROPOSED FY 2016	PROJECTED FY 2017	PROJECTED FY 2018	PROJECTED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	PROJECTED FY 2025
Miscellaneous Revenue	500	500	500	150	150	150	150	250	150	150	150	150
Service & Repairs	50	500	500	50	50	50	50	50	50	50	50	50
Connection Fees	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Tower Rental	33,500	33,500	33,500	34,673	35,886	37,142	38,442	39,787	41,180	42,621	44,113	45,657
State Grant	0	0	0	0	0	0	0	0	0	0	0	0
Interest Income	3,500	2,500	2,500	2,500	2,500	2,500	2,525	2,550	2,576	2,602	2,628	2,654
Use of Fund Balance	0	0	0	0	0	0	0	0	0	0	0	0
NON-USER FEES	47,550	42,000	42,000	42,373	43,586	44,842	46,167	47,638	48,956	50,423	51,941	53,511
%Increase/(Decrease)		-11.7%	-11.7%	0.9%	2.9%	2.9%	3.0%	3.2%	2.8%	3.0%	3.0%	3.0%
UNH Debt Service	45,664	45,661	45,661	17,024	17,024	17,024	17,024	17,024	17,024	17,024	17,024	0
UNH ASSESSMENTS	45,664	45,661	45,661	17,024	17,024	17,024	17,024	17,024	17,024	17,024	17,024	0
%Increase/(Decrease)		0%	0%	-63%	0%	0%	0%	0%	0%	0%	-100%	0%
TOWN ASSESSMENTS	605,572	682,162	683,337	754,906	823,122	848,238	873,910	904,504	941,304	994,021	1,008,968	1,024,474
%Increase/(Decrease)		12.6%	12.8%	10.5%	9.0%	3.1%	3.0%	3.5%	4.1%	5.6%	1.5%	1.5%
TOTAL BUDGET REVENUE NEEDED	698,786	769,823	770,998	814,302	883,733	910,104	937,101	969,166	1,007,284	1,061,468	1,060,909	1,077,985
AVERAGE CUBIC FEET	12,572,367	12,760,953	12,760,953	12,952,367	13,146,652	13,343,852	13,544,010	13,747,170	13,953,378	14,162,678	14,375,119	14,590,745
USER FEES (PROJECTED)	4.82	5.35	5.35	5.83	6.26	6.36	6.45	6.58	6.75	7.02	7.02	7.02
%Increase/(Decrease)		10.9%	11.1%	8.6%	7.4%	1.5%	1.5%	2.0%	2.5%	4.0%	0.0%	0.0%
UNASSIGNED FUND BALANCE (restated in 2011)	99,884	68,238	68,238	68,238	68,238	75,238	121,238	121,238	131,238	131,238	173,238	224,238
WATER CAPITAL RESERVE FUND BALANCE	125,293	125,293	125,293	125,293	125,293	140,293	190,293	190,293	200,293	200,293	250,293	300,293

## Water Fund Proposed Debt Schedule

PROJECT NAME	PROJECT YEAR	BOND LENGTH	TOTAL AMOUNT BONDED	ESTIMATED INTEREST COSTS	TOTAL ESTIMATED COST	2016 PRINCIPAL	2016 INTEREST	2017 PRINCIPAL	2017 INTEREST	2018 PRINCIPAL	2018 INTEREST	2019 PRINCIPAL	2019 INTEREST
Wiswall Dam Spillway	2014	5	\$70,000	\$6,300	\$76,300			\$14,000	\$2,100	\$14,000	\$1,680	\$14,000	\$1,260
Wiswall Dam Spillway	2015	5	\$90,000	\$8,100	\$98,100			\$18,000	\$2,700	\$18,000	\$2,160	\$18,000	\$1,620
Improvements to Woodside Dr	2015	5	\$50,750	\$4,568	\$55,318			\$10,150	\$1,523	\$10,150	\$1,218	\$10,150	\$914
Beech Hill Water Tank	2015	10	\$156,900	\$25,889	\$182,789			\$15,690	\$4,707	\$15,690	\$4,236	\$15,690	\$3,766
Wiswall Dam Spillway	2017	10	\$490,000	\$80,850	\$570,850					\$49,000	\$14,700	\$49,000	\$13,230
Madbury Road Waterline	2020	20	\$700,000	\$220,500	\$920,500								
Madbury Road Waterline	2021	20	\$975,000	\$307,125	\$1,282,125								
Backhoe	2022	7	\$26,575	\$3,189	\$29,764								
One Ton Utility Truck	2022	7	\$39,775	\$4,773	\$44,548								
<b>OUTSTANDING BONDS/ SRF LOANS</b>													
2002 SRLF - Lamprey River Transmission Main	2002	15	\$828,554	\$236,224	\$1,064,778	\$69,389	\$2,410						
Outstanding Bonds thru 2002		20	\$638,394	\$199,816	\$838,210	\$32,740	\$4,536	\$23,509	\$3,144	\$23,509	\$2,116	\$23,506	\$1,058
2006 Bond	2003-2006	20	\$545,469	\$216,362	\$761,831	\$27,291	\$11,112	\$24,841	\$10,020	\$24,841	\$9,027	\$24,841	\$8,033
2008 Bond	2007-2008	20	\$724,900	\$276,364	\$1,001,264	\$36,300	\$20,807	\$36,300	\$18,992	\$36,300	\$17,540	\$36,400	\$15,725
2014 Bond	2013-2014	20	\$784,000	\$348,212	\$1,132,212	\$40,000	\$33,345	\$40,000	\$31,305	\$40,000	\$29,265	\$40,000	\$27,225
2015 Bond	2014	10	\$459,038	\$58,490	\$517,528	\$33,183	\$9,334	\$33,183	\$8,517	\$33,183	\$7,853	\$33,183	\$7,190
2014 SRLF - Spruce Hole	2013	10	\$222,500	\$31,713	\$254,213	\$22,315	\$3,222	\$22,694	\$2,843	\$23,080	\$2,457	\$23,473	\$2,065
2014 SRLF - Water Meter Upgrade	2013	10	\$400,759	\$37,799	\$438,558	\$29,911	\$5,531	\$30,733	\$4,872	\$31,567	\$4,197	\$32,414	\$3,509
<b>TOTALS</b>			<b>\$7,202,614</b>	<b>\$2,066,274</b>	<b>\$9,268,888</b>	<b>\$291,129</b>	<b>\$90,297</b>	<b>\$269,100</b>	<b>\$90,723</b>	<b>\$319,320</b>	<b>\$96,449</b>	<b>\$320,657</b>	<b>\$85,595</b>
						<b>TOTAL 2016</b>	<b>TOTAL 2017</b>		<b>TOTAL 2018</b>		<b>TOTAL 2019</b>		
						<b>\$381,426</b>	<b>\$359,823</b>		<b>\$415,769</b>		<b>\$406,252</b>		

## Water Fund Proposed Debt Schedule

PROJECT NAME	2020 PRINCIPAL	2020 INTEREST	2021 PRINCIPAL	2021 INTEREST	2022 PRINCIPAL	2022 INTEREST	2023 PRINCIPAL	2023 INTEREST	2024 PRINCIPAL	2024 INTEREST	2025 PRINCIPAL	2025 INTEREST
Wiswall Dam Spillway	\$14,000	\$840	\$14,000	\$420								
Wiswall Dam Spillway	\$18,000	\$1,080	\$18,000	\$540								
Improvements to Woodside Dr	\$10,150	\$609	\$10,150	\$305								
Beech Hill Water Tank	\$15,690	\$3,295	\$15,690	\$2,824	\$15,690	\$2,354	\$15,690	\$1,883	\$15,690	\$1,412	\$15,690	\$941
Wiswall Dam Spillway	\$19,000	\$11,760	\$49,000	\$10,290	\$49,000	\$8,820	\$49,000	\$7,350	\$49,000	\$5,880	\$49,000	\$4,410
Madbury Road Waterline			\$35,000	\$21,000	\$35,000	\$19,950	\$35,000	\$18,900	\$35,000	\$17,850	\$35,000	\$16,800
Madbury Road Waterline					\$48,750	\$29,250	\$48,750	\$27,788	\$48,750	\$26,325	\$48,750	\$24,863
Backhoe							\$3,796	\$797	\$3,796	\$683	\$3,796	\$569
One Ton Utility Truck							\$5,682	\$1,193	\$5,682	\$1,023	\$5,682	\$852
<b>OUTSTANDING BONDS/ SRF LOANS</b>												
2002 SRLF - Lamprey River Transmission Main												
Outstanding Bonds thru 2002												
2006 Bond	\$24,841	\$7,039	\$24,841	\$6,045	\$25,262	\$5,053	\$25,262	\$4,042	\$25,262	\$3,031	\$25,262	\$2,021
2008 Bond	\$36,400	\$15,725	\$36,400	\$12,722	\$36,400	\$11,193	\$36,400	\$9,646	\$36,400	\$8,081	\$36,400	\$6,498
2014 Bond	\$40,000	\$25,185	\$40,000	\$23,145	\$40,000	\$21,105	\$40,000	\$19,065	\$40,000	\$17,025	\$40,000	\$14,985
2015 Bond	\$33,183	\$6,526	\$43,139	\$5,862	\$46,457	\$5,000	\$63,367	\$4,071	\$67,473	\$2,743	\$69,685	\$1,394
2014 SRLF - Spruce Hole	\$23,872	\$1,666	\$24,277	\$1,260	\$24,690	\$847	\$25,110	\$427				
2014 SRLF - Water Meter Upgrade	\$33,275	\$2,807	\$34,148	\$2,090	\$35,035	\$1,358	\$35,936	\$611				
<b>TOTALS</b>	<b>\$268,411</b>	<b>\$76,532</b>	<b>\$344,645</b>	<b>\$86,503</b>	<b>\$356,284</b>	<b>\$104,930</b>	<b>\$383,993</b>	<b>\$95,773</b>	<b>\$327,053</b>	<b>\$84,053</b>	<b>\$329,265</b>	<b>\$73,333</b>
	TOTAL 2020		TOTAL 2021		TOTAL 2022		TOTAL 2023		TOTAL 2024		TOTAL 2025	
	\$344,943		\$431,148		\$461,214		\$479,766		\$411,106		\$402,598	

**2015 WATER/SEWER CHARGES COMPARISON BY TOWN  
BASED ON 100 CUBIC FT. UNITS**

<i>TOWN</i>	<b>WATER CHARGE</b>	<b>SEWER CHARGE</b>	<b>OTHER CHARGES</b>	<b>FREQUENCY</b>	<b># OF EMPLOYEES IN W &amp; WW</b>	<b>COST OF 2500 CF's WATER/SEWER FOR THE YEAR</b>
<i>Dover</i>	\$4.77/100 cf	\$7.52/100 cf	5/8th's meter- \$4.13/quarter	Quarterly	23 total- 16 service lines for both, meter readings and water plant, 7 people @ wwtp	\$307.25 usage plus \$16.52 meter charge (5/8ths)= <b>\$323.77 total</b>
<i>Durham</i>	\$4.82/100 cf	\$6.83/100 cf	no other charges	Semi-Annually	6.5 total- 1.5 for water department, 5 at wwtp ( <i>UNH water has 3 at plant-shared department</i> )	<b>\$291.25 total</b>
<i>Exeter</i> *read in gallons in Exeter- converted to CF (no change in 2015)	\$4.28/100 cf	\$3.32/100 cf	\$28/Qtr. for water, \$28/Qtr. for sewer. TL: \$56/Qtr	Quarterly	16 total- 4 at water plant, 10 service lines/meter readings, 2 at wwtp	\$190.00 usage plus \$224 meter charge (5/8ths)= <b>\$414.00 total</b>
<i>Newmarket</i> (changed to monthly August 2015, no changes in charges at this point)	\$4.25/100 cf	\$8.22/100 cf	\$2 water, \$2 sewer charge per unit monthly	Monthly	5 total- 3 water people (including director), 2 at wwtp	\$311.75 usage plus \$48 service charge= <b>\$359.75 total</b>
<i>Portsmouth</i>	\$4.15/100 cf	\$11.77/100 cf	\$4.95/ meter monthly charge	Monthly	43 employees between water and wastewater, could not breakdown between both.	\$398 usage plus \$59.40 meter charge= <b>\$457.40 total</b>
<i>Rochester</i>	\$4.67/100 cf	\$6.24/100 cf	no other charges	Quarterly	24 total- 6 at water plant, 9 shared for meter reads and service calls, 9 at wwtp	<b>\$276.25 total</b>
<i>Somersworth-</i> (same since 2011)	\$4.11/100 cf	\$5.50/100 cf	Service Fee- \$2.50/water, \$3.33/sewer per quarter	Monthly	9 total- 4 for water plant and meters, service, etc., 5 at wwtp	\$240.25 usage plus \$69.96 meter charge = <b>\$310.21 total</b>